

CONFIDENTIAL

4 June 1964

MEMORANDUM FOR THE RECORD

SUBJECT: Trip Report

Place: [REDACTED]

25X1A

Date: 26 May 1964

Attendees: [REDACTED]

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Subject: Contract Monitoring Trip to [REDACTED]

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1. The first item of discussion was the Projected Scale Micrometer. [REDACTED] is building four units of an improved version of our instrument for [REDACTED]. These units are to be incorporated into a package [REDACTED] is building for [REDACTED]. [REDACTED] showed me tentative drawings of our Model II. Their approach was not very impressive and they were informed of this. Suggestions were made on the required changes. They are going to examine a design incorporating a strictly mechanical counter rather than a projected scale. Only a line for reference and an index mark will be projected.

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2. The Zoom Magnifier has been started and is in early design phases. It was too early in the contract to obtain much helpful information.

3. Final production drawings have been completed on the Dovetail Rhomboid. Their design looks very good and should be a vast improvement over the previous clip-on system. Delivery is scheduled for 17 July 1964.

4. The anamorphic eyepieces are progressing well and on schedule; however, there are some problem areas. There is a difficulty in that the zoom magnification is in one axis only while the other axis stays fixed thus giving the eye a fixed reference to compare against. This difference in focus can be compensated for; however, this requires an extra manual or automatic element in the system. [REDACTED] says that they may not be able to exactly meet specifications within the specified contract time, but should closely approach them. Redesign of some of the elements should accomplish all of the design requirements.

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5. The Microstereograph, built for the Navy, was available for inspection. It should be ready for delivery to NPTC in about two weeks. The unit is well designed and constructed. The mount appears poorly suited for our purposes; nevertheless, the instrument should solve many of our problems. Our instrument is scheduled for an August delivery.

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1. This trip was primarily to re-establish a contact that was lost when [REDACTED] and further, to ascertain why we had not received the required security forms left with them at the time of our last visit. The required forms were filled out and hand carried to NPTC Security to expedite [REDACTED] clearances.

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3. When security clearances are obtained [REDACTED] will be approached for a proposal to build a prototype stereo- (clip-on rhomboid) version of their present [REDACTED] model zoom microscope. [REDACTED] is highly desirous of this type of work.

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Development Branch, NPTC